

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((BURKHARD) near2 (HAHN)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 15:59
S2	2	("4821088").FN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 15:59
S3	1	(chrom\$9 or color) adj (alias \$4 or moire) and (luminance same chrom\$9) and underfrequent\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:28
S5	1	(chrom\$9 or color) adj (alias \$4 or moire) and (luminance same chrom\$9) and high frequent\$4 and (medium or middle) frequent\$4 and low frequent\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:30
S6	1	(chrom\$9 or color) near2 (alias\$4 or moire) and (luminance same chrom\$9) and high frequent\$4 and (medium or middle) frequent\$4 and low frequent\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:30
S7	294	(chrom\$9 or color) near2 (alias\$4 or moire) and (luminance same chrom\$9)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:31
S8	31	(chrom\$9 or color) near2 (alias\$4 or moire) and (luminance same chrom\$9) and ratio with frequent\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:31
S9	25	S8 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:32
S10	1	(chrom\$9 or color) near2 (alias\$4 or moire) and (luminance same chrom\$9) and ratio with frequent\$5 with sum	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:34
S11	1	(chrom\$9 or color) near2 (alias\$4 or moire) and ratio with frequent\$5 with sum	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:34
S12	20	(luminance same chrom\$9) and ratio with frequent\$5 with sum	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:34

S13	12	S12 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:35
S14	38	((chrom\$9 or color) near2 (alias\$4 or moire)).tl.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:40
S15	6	S14 and (@ad< "20040524") and ratio	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:40
S16	11	(chrom\$9 or color) near2 (alias\$4 or moire) and (luminance same chrom\$9) and ratio with (sum or summation) and frequenc\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:45
S17	6	S16 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 20:45
S18	1	(chrom\$9 or color) near2 (alias\$4 or moire) and (luminance same chrom\$9) and ratio with (summer) and frequenc\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 21:01
S20	1762	382/162.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 21:02
S21	469	382/162.ccls. and (ratio or divid\$3 or division) and frequenc\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 21:07
S22	36	(chrom\$9 or color) with (alias\$4 or moire) and S21	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 21:08
S23	25	S22 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 21:08
S24	1	"4642678".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 21:22
S26	21	energy with chrom\$9 with luminance and energy with correct\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/27 19:19
S27	14	S26 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 19:20
S28	635	energy with chrom\$9 with (luminance or illumination or illuminance or brightness or intensity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/27 20:09
S31	19	compar\$5 with energy with chrom\$9 with (luminance or illumination or illuminance or brightness or intensity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/27 20:10
S32	13	S31 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 20:11

S33	11	correlat\$5 with energy with chrom\$9 with (luminance or illumination or illuminance or brightness or intensity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/27 20:13
S34	7	S33 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/27 20:14
S36	59	high with medium with low with frequencies and (color or chrom\$9) with (artifacts or moire or distortion) and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:42
S37	8	high with medium with low with frequencies with (split or separated) and (color or chrom\$9) with (artifacts or moire or distortion) and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:44
S38	8	high with (medium or middle) with low with frequencies with (split or separated) and (color or chrom\$9) with (artifacts or moire or distortion) and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 16:10
S40	4	high with (medium or middle) with low with frequencies with (split or separated) and ratio with sum and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 16:12
S41	1	high with (medium or middle) with low with frequencies with (split or separated) and middle-frequenc\$5 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 16:14
S42	13	((US-20040155983-\$ or US-20060038891-\$ or US-20020196472-\$).did. or (US-7023576-\$ or US-7221381-\$ or US-7006686-\$ or US-4642678-\$ or US-6958772-\$ or US-5768403-\$ or US-7065246-\$ or US-6697109-\$ or US-4498100-\$ or US-5502509-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/28 16:21
S43	11	S42 and green	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 16:21

S44	1	S42 and green with unchanged	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 16:21
S45	7	S42 and (middle or medium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 16:34
S46	7	S42 and (middle or medium) and (ratio or division or divid\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 16:37
S47	10	S42 and (limit\$4 or restrict\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 16:50
S48	13	S42 and (reduc\$5 or attentuat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 16:59
S49	2	S42 and (attenuat\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:09
S50	5	S42 and decreas\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:12
S51	6	S42 and energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:13
S53	340	energy with (middle or medium) with frequenc\$5 and chrom\$9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:14

S54	31	energy with (middle or medium) with frequenc\$5 with (reduc\$5 or decreas\$5 or restrict\$5 or attenuat\$5) and chrom\$9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:15
S55	14	energy with (middle or medium) near2 frequenc\$5 with (reduc\$5 or decreas\$5 or restrict\$5 or attenuat\$5) and chrom\$9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:15
S56	6	S55 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 17:16
S57	47	energy with (middle or medium) near2 frequenc\$5 and chrom\$9 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:17
S58	6	S42 and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 17:22
S59	2	"4825297".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/29 12:38
S60	2	"7227552".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/29 12:39
S61	406	color moire.ab. or color moire.bstx.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:17
S62	295	S61 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:18

S63	119	S62 and (luminance or illuminance or brightness or lightness or illumination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:19
S64	46	S63 and (chrominance or chroma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:19
S65	1	S64 and bandpass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:19
S66	145	S62 and (luminance or illuminance or brightness or lightness or illumination or intensity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:28
S67	145	S66 and (chrominance or chroma or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:28
S68	14	S67 and (bandpass or passband or band near1 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:28
S69	1	S68 and energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:34
S70	1	10/565748 and energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:35
S71	0	S68 and evm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:36

S72	58	S62 and (luminance or illuminance or brightness or lightness or illumination or intensity) same (chrominance or chroma or color) same (greater or higher or bigger or larger or smaller or lower or less or smaller or below or above or exceed\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:37
S73	13	S72 and (bandpass or passband or band near1 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:39
S74	39272	(luminance or illuminance or brightness or lightness or illumination or intensity) with (chrominance or chroma or color) with (greater or higher or bigger or larger or smaller or lower or less or smaller or below or above or exceed\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:46
S75	3336	S74 and (bandpass or passband or band near1 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:46
S76	581	(luminance or illuminance or brightness or lightness or illumination or intensity) with (chrominance or chroma or color) with (greater or higher or bigger or larger or smaller or lower or less or smaller or below or above or exceed\$4) with energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:47
S77	83	S76 and (bandpass or passband or band near1 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:47
S78	4	S77 and (color moire or color with distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:47

S79	1	S78 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:48
S80	51	S77 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 16:50
S81	0	y (channel or signal or component or direction) with (i or q) (channel or signal or component or direction) with (greater or higher or bigger or larger or smaller or lower or less or smaller or below or above or exceed\$4) with energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 17:08
S82	1	color moire and comb filter \$3 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/22 17:10
S83	1637	i-channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/23 10:07
S84	2	y-channel same (i-channel or q-channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/23 10:07
S85	1298	(i-channel with q-channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/23 10:07
S86	10599	(y or luminance) with (i-channel or q-channel or i component or q component or (i or q) signal or (i or q) direction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/23 10:11



S87	148	(y or luminance) with (i-channel or q-channel or i component or q component or (i or q) signal or (i or q) direction) with energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/23 10:12
S88	24	(y or luminance) with (i-channel or q-channel or i component or q component or (i or q) signal or (i or q) direction) with energy same (moire or spurious or disturbance or distortion or leakage or leak\$3 or noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/23 10:14
S90	2	S88 and (@ad<"20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 10:14
S91	0	color moire and comb filter \$3 and (@ad<"20040524") and pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 11:59
S92	581	(luminance or illuminance or brightness or lightness or illumination or intensity) with (chrominance or chroma or color) with (greater or higher or bigger or larger or smaller or lower or less or smaller or below or above or exceed\$4) with energy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 12:00
S93	83	S92 and (bandpass or passband or band near1 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 12:00
S94	23	S93 and (@ad<"20040524") and pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 12:00

S95	28	(luminance or illuminance or brightness or lightness or illumination or intensity) with (chrominance or chroma or color) with (greater or higher or bigger or larger or smaller or lower or less or smaller or below or above or exceed\$4) with energy same correct\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 12:10
S96	5	S95 and (bandpass or passband or band near1 pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 12:10
S97	2	S96 and (@ad< "20040524") and pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/23 12:11
S98	413	(underfrequenc\$4 or subfrequenc\$4 or subband or subcarrier) same energy same (chrominance or chroma or color)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/25 15:21
S99	30	(underfrequenc\$4 or subfrequenc\$4 or subband or subcarrier) same energy same (chrominance or chroma or color) same2 pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/25 15:21
S100	21	S99 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/25 15:21
S101	14	(chroma or chrominance or color) moire and pixel and (band near pass or bandpass or passband) same (chrominance or chroma or color) same (brightness or brilliance or luminance or illuminance or luminosity ot illumination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/28 09:56
S103	11	S101 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/28 09:56

S104	456	(chrominance or chroma or color) adj2 (above or higher) adj2 (brightness or brilliance or luminance or illuminance or luminosity or illumination)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/28 12:15
S105	8	(chrominance or chroma or color) adj2 (above or higher) adj2 (brightness or brilliance or luminance or illuminance or luminosity or illumination) with (frequenc\$4 or energ \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/28 12:16
S106	4	S105 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/28 12:16
S107	964	(high or upper) frequenc\$4 same2 (middle or midband) frequenc\$4 same2 (low or sub or lower) frequenc\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 17:13
S108	63	S107 and "382".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 17:14
S109	45	S108 and (@ad< "20040524")	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/29 17:14
S110	262	(382/162.ccls. or 348/223.1.ccls. or 348/225.1.ccls. or 358/1.9.ccls. or 358/533.ccls.) and moire and (chrominance or chroma or color) same2 (luminance or luminosity or brightness or intensity)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/29 10:59
S111	1	S110 and energy (comparison or ratio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/29 12:05
S112	85	S110 and edge with (color or chrominance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/29 12:05
S113	30	S110 and edge near (color or chrominance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/29 12:06

## EAST Search History (1 Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

S114	5	(382/162.ccls. or 348/223.1.ccls. or 348/225.1.ccls. or 358/1.9.ccls. or 358/533.ccls.) and (moire and (chrominance or chroma or color) and (luminance or luminosity or brightness or intensity)).clm.	USPAT; UPAD	ADJ	ON	2009/07/29 11:00
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